THE RURAL DISTRICT COUNCIL OF LOTHINGLAND.

A N N U A L R E P O R T
of the
Medical Officer of Health
for the
Year 1945.

Laurence Gibson M.B., Ch.B., D.P.H.

SUMMARY OF VITAL STATISTICS.

Area of District (Including Inland Water)	Acres	44653.
Population (Census figures 1931)		13626.
" estimated by Registrar General for 1945		13270.
Nett Births		236
Nett Birthrate	per 1000	17.78
Deaths		160
Death rate		12.06
Infantile Mortality Rate	per 1000 Births	33.9
Zymotic Death rate	per 1000	0.15
Tuberculosis Death rate	" "	0.30
Cancer Death rate	" "	2.49
Influenza Death rate	" "	0.07
Pneumonia Death rate	" "	0.30

Mr. Chairman and Gentlemen,

I have great pleasure in presenting you with my Annual Report for the year 1945. It is still reduced in size from motives of economy.

The population of the district is estimated by the Registrar General to be 13270 a reduction on last year.

The Birth rate is 17.78 per 1000, also lower than last year.

The Death rate is 12.06 per 1000, an improvement on the last 4 years.

For England & Wales the Birth rate was 16.1 and the Death rate 11.4.

Infantile Mortality. 8 infants (all legitimate) died under 1 year of age giving an Infantile Mortality Rate of 33.9 per 1000 Births. For England and Wales the rate was 46 per 1000.
The Infant Deaths were in the following Parishes:-

Barnby (1) Bradwell (1) Corton (1) Hopton (1) Somerleyton (1) and South Cove (1).

ZYMOTIC DEATHS. There were no deaths from Typhoid Fever, Scarlet Fever, Whooping Cough, Measles or Infant Diarrhoea. Two deaths from Diphtheria give a Zymotic Death rate of 0.15 per 1000.

For England and Wales, Zymotic Death rates per 1000 population were as follows:-

Whooping Cough 0.02, Diphtheria 0.02, Measles 0.02.

Enteritis under 2 years of age caused 5.6 deaths per 1000 live births.

In Lothingland Phthisis and other tubercular diseases caused 4 deaths, 3 respiratory and 1 non-respiratory, giving a rate of 0.30 per 1000.

In England and Wales, the Death rate from respiratory tuberculosis was 0.519 per 1000 population and 0.1 for non respiratory tuberculosis.

Cancer caused 33 deaths with a death rate of 2.49 per 1000 compared to England and Wales 1.9. Deaths took place at the following ages:-

Males : 53, 54, 59, 60, 61, 62, 63, 67, 72, 73, 74, 77, 77, 80, 82, 85 and 86.

Females: 39. 40. 44, 46, 54, 55, 55, 56, 57, 67, 67, 70, 72, 79, 81 and 84.

I give the following table to compare the rates of various infectious diseases, i,e, the number of cases per 1000 population for each disease during the last 5 years.

Disease	1941	1942..	1943	1944	1945	England & Wales 1945
Scarlet Fever	0.81	2.03	1.53	5.27	1.36	1.89
Diphtheria	0.074	-	-	0.15	0.15	0.46
Typhoid	-	-	-	-	-	0.01
Paratyphoid	0.074	-	-	-	-	0.01
Puerperal Pyrexia	0.29	0.07	0.23	0.22	0.075	
Erysipelas	0.22	0.07	-	0.37	0.075	0.25
Opthalmia Neonatorum	0.37	0.07	0.08	-	0.075	
Pneumonia	1.33	0.30	1.07	0.97	1.58	0.87
Measles	19.72	1.96	18.14	6.02	3.92	11.67
Whooping Cough	5.54	5.80	1.30	4.38	1.66	1.64
Cerebro spinal Fever	-	-	-	-	0.075	0.05

The Rate for Puerperal Pyrexia is better expressed in relation to the number of births registered (both live and still births) than to population.

On this basis the rate is 4.13 compared to 9.93 per 1000 for England and Wales.

INFECTIOUS DISEASES.

The following notifications were received during the year. There were 24 compared with 81 last year. The decrease being chiefly due to less Scarlet Fever.

They were as follows:-

Scarlet Fever	18
Diphtheria,..	2
Cerebro spinal Fever	1
Opthalmia Neonatorum ..	1
Puerperal Pyrexia	1
Erysipelas	1

Scarlet Fever. Notified from the following Parishes:-

Belton (3) Bradwell (3) Burgh Castle (2) Henham (2) Reydon (1) Somerleyton (4) Uggeshall (1) and Wangford (2).

They were notified in the following months - January (2) February (5) March (1) April (1) May (1) June (2) July (2) September (1) October (1) November (1) and December (1).

All were mild cases. Three houses had 2 cases each, Four cases were removed to Hospital.

Diphtheria. Two cases were reported and both died.

The first case in January a child aged 17 months had completed her immunisation less than eight weeks previously which is too short a time to acquire protection.

The second case a boy aged 9 had not been immunised.

Cerebro spinal Fever.

This case, an evacuee aged 10, was treated in the General Hospital for a slight accident and subsequently developed Meningitis.

Opthalmia Neonatorum.

This case was notified from Wrentham in June and treated in the Isolation Hospital.

Puerperal Pyrexia. This case was notified from Mutford in February.

Erysipelas. A Female aged 72 notified from Henstead in February.

DISEASES NOTIFIED IN 1945.

Dieseas	Cases notified.	Cases admitted to Hospital.	Deaths.
Scarlet Fever	18	4	-
Diptheria	2	0	2
Cerebro spinal Fever	1	1	-
Opthalmia Neonatorum	1	1	-
Puerperal Pyrexia	1	0	-
Erysipelas	1	0	-
Dysentery	10	6	-
Pneumonia	21	0	4
Measles	52	1	0
Whooping Cough	22	0	0
Jaundice	24	0	0

AGE GROUPS OF INFECTIOUS DISEASES.

	Scarlet Fever	Pneumonia	Measles	Whooping Cough	Jaundice	Dysentery
Under 1 year	-	-	-	1	-	-
Between 1 - 2 years	1	2	6	5	-	-
2 - 3	1	2	7	5	-	-
3 - 4	1	1	6	3	-	-
4 - 5	2	-	5	1	-	-
5 - 10	7	5	25	5	8	-
10 - 15	4	2	1	-	7	2
15 - 20	-	1	1	-	4	4
20 - 35	1	1	-	-	5	-
35 - 45	-	2	1	1	-	2
45 - 65	1	1	-	1	-	1
65 years & upwards	-	4	-	-	-	1

TABLE COMPARING THIS YEAR WITH 5 PREVIOUS YEARS.

Year	Scarlet Fever	Diphtheria	Enteric	Erysipelas	Puerperal Pyrexia	Opthalmia Neonatorum
1940	13	0	0	1	4	0
1941	11	1	1	4	4	5
1942	27	0	0	1	1	1
1943	20	0	0	0	3	1
1944	71	2	0	5	3	0
1945	18	2	0	1	1	1

Year	Pneumonia	Mealses	Whooping Cough.
1940	11	4	41
1941	17	267	73
1942	5	24	78
1943	14	238	17
1944	13	81	59
1945	21	52	22.

PUBLIC HEALTH (INFECTIOUS DISEASES) REGULATIONS 1927.

Twenty one cases were notified as Pneumonia in the following parishes:- Barnby (1) Blundeston (1) Bradwell (1) Easton Bavents(1) Henham (1) Henstead (3) Kessingland (4) Reydon (8) and Somerleyton(1).

They were notified in the following months:- January (4) February (2) March (4) April (4) May (1) June (1) October (2) and December (3).

Dysentery

The first six cases were in a girls camp at Oulton in August.

They were removed to Hospital. In September 3 cases occured at Corton and 1 case at Carlton Colville.

MEASLES & WHOOPING COUGH REGULATIONS, 1939-40.

Measles & Whooping Cough were made notifiable on October 23rd 1939.

Cases of Measles were notified in the following parishes:- Blundeston (2) Bradwell (1) Carlton Colville (3) Covehithe (1) Gisleham (2) Kessingland (14) Lound (1) Oulton (8) Rushmere (1) Uggeshall (4) Wangford (7) and Wrentham (8).

They were notified in the following months:-

March (7) April (15) May (6) June (13) August (1) September (1) November (6) and December (3).

Cases of Whooping Cough were in 12 parishes also:- Belton (2) Burgh Castle (1) Carlton Colville (1) Corton (1) Fritton (1), Frostenden (1) Henham (1) Kessingland (1) Reydon (5) Rushmere (1) Wangford (1) and Wrentham (6).

Jaundice made notifiable on November 27th 1943. Twentyfour cases this year is an improvement on 89 last year.

They were in the following parishes:- Barnby (3) Blundeston (8) Bradwell (1) Carlton Colville (1) Corton (1) Flixton (1) Hopton (4) Lound (1) Mutford (1) Oulton (1) and Reydon (2).

They were notified in the following months:- January (1) February (4) March (2) April (7) May (1) June (4) July (1) August (1) October (2) and November (1).

TUBERCULOSIS REGULATIONS 1912, 1921 & 1924.

Under these Regulations 30 notifications were received, 20 pulmonary and 10 non-pulmonary.

Of the 20 pulmonary 9 were on Form A, 7 on Form C, 2 on Form D and 2 were notified as coming into the district from elsewhere

Of the 10 non-pulmonary, 6 were on Form A, 1 was restored to the Register, 1 on Form D had been notified before and two were notified as coming into the district.

The cases on Form C and D had been notified before.

Of the pulmonary cases, 7 received Sanatorium treatment.

AGE AND SEX OF CASES NOTIFIED.

Age Periods	New Cases				Deaths.			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 1 year	0	0	0	0	-	-	-	-
1 - 5 years	0	0	2	0	-	-	-	-
5 -15 "	0	0	0	2	-	-	-	-
15 -25 "	1	2	0	1	-	1	-	-
25 -35 "	2	0	0	1	-	-	-	-
35 -45 "	2	1	0	0	1	-	-	-
45 -55 "	0	0	0	0	-	-	-	-
55 -65 "	1	0	0	0	0	1	0	
65 upwards	0	0	0	0	-	-	-	1
	6	3	2	4	1	2	0	1

At the beginning of the year there were 48 cases on the Register 26 pulmonary (11 males and 15 females) and 22 non-pulmonary (12 males and 10 females). During the year 20 cases were added, 11 pulmonary (8 males and 3 females) and 9 non-pulmonary (4 males and 5 females). Seven cases were deducted 4 pulmonary (2 males and 2 females) and 3 non-pulmonary (females). At the end of the year there were 61 cases 33 pulmonary (17 males and 16 females) and 28 non-pulmonary (16 males and 12 females). Part of the increase is due to service cases.

One fatal case had not been notified.

TABLE OF CASES NOTIFIED IN 5 PREVIOUS YEARS.

	Pulmonary		Non-pulmonary	
	Males	Females	Males	Females.
1940	0	7	1	1
1941	5	6	4	0
1942	2	2	3	3
1943	7	2	1	2
1944	3	7	2	3

WATER SUPPLY.

The water supply in the area has been satisfactory in quality and quantity.

There are three piped supplies in the area.

(1) Lowestoft Water Company supplying 674 premises in the following Parishes - Belton (19) Blundeston (102) Carlton Colville (158) Corton (198) Flixton (1) Hopton (129) Lound (56) Oulton (6) and Somerleyton (5).

(2) Kessingland Water Scheme supplying 251 premises in Kessingland.

(3) Southwold Water Company supplying 324 premises in Reydon.

(1) Lowestoft Water Company. By the kindness of the Company I am able to give the following information. Samples are taken for analysis every fortnight from the water as supplied to the houses as well as samples of raw water. The water is treated by Chlorination.

REPORTS OF ANALYST 1945 IN PARTS PER 100,000.

	Chlorine	Free Ammonia	Albumenoid Ammonia	Nitrates	Nitrites	Oxygen absorbed 4 hrs at 27°c.
Jan.	5.6	.003	.014	.2	Nil	.163
Feb.	5.6	.008	.014	.28	Nil	.181
Mar.	5.3	.003	.012	.32	Nil	.156
Apr.	5.45	trace	.010	.34	Nil	.131
May	5.6	trace	.010	.12	Nil	.113
June	5.6	Nil	.012	.28	Nil	.118
July	5.6	Nil	.008	.16	Nil	.097
Aug.	5.6	trace	.009	.04	Nil	.095
Sept.	5.6	Nil	.013	Nil	Nil	.135
Oct.	5.6	Nil	.015	.04	Nil	.129
Nov.	5.4	.001	.011	.12	Nil	.096
Dec.	5.85	trace	.012	.20	Nil	.094

	Hardness.	Bacteria 2 days at 37°c.	B Coli in 100 cc.
Jan.	22.6	2	0
Feb.	21.45	1	0
Mar.	20	2	0
Apr.	20.3	0	0
May	19.7	0	0
June	20.85	2	0

	Hardness.	Bacteria 2 days at 37°c.	B. Coli in 100 cc.
July	21.4	2	0
Aug.	19.15	1	0
Sept.	18.85	0	0
Oct.	20.0	1	0
Novr.	22.6	1	0
Dec.	21.4	2	0

(2) KESSINGLAND SUPPLY - REPORT OF QUARTERLY ANALYSES.

	Chlorine	Free Ammonia	Albumenoid Ammonia	Nitrates	Nitrites	Oxygen absorbed 4 hrs at 27°c.
Feb.	4.85	trace	.004	1.6	Nil	.045
May	4.7	.001	.006	1.6	Nil	.028
Aug.	4.6	Nil	.005	1.6	Nil	.047
Nov.	4.7	Nil	.006	1.84	Nil	.032

	Hardness.	Bacteria 2 days at 37°c.	B. Coli in 100 cc.
Feb	7.85	1	0
May	9.57	1	0
Aug	13.15	1	0
Nov	7.43	2	0

This water is softened before going into supply. Total Hardness in the raw water being 26 parts per 100,000.

In neither cases has there been any need to take action for plumbo-solvent action or contamination.

Water is supplied to the houses and there are no standpipes.

Well water.

One sample from Wrentham was analysed and found unsatisfactory. The tenant was advised to boil the water.

SCHOOLS.

There is no change in their sanitary circumstances since last year.

From the returns sent me by the Head Teachers the more severe attackes of minor infectious disease were as follows:-

At Burgh Castle, German Measles in May and June. Whooping Cough in July.

At Kessingland Beach Mumps in July.

At Kessingland Upper, Measles in April, Mumps in July.

At Lound, Chickenpox in February, Mumps in December.

At Somerleyton, Mumps in October.

Scabies.

There were 10 families affected during the year in the following Parishes:- Bradwell (1) Burgh Castle (2) Frostenden (4) Lound (1) Mutford (1) and Wrentham (1). In 2 of the cases evacuees were the persons affected.

Diphtheria Immunisation.

During the year there was a fair response to the appeal to have children aged 1 to 15 years of age treated and great credit is due to the teachers and district nurses who encouraged the parents to have their children protected.

During the year 30 school children and 239 children under 5 years of age have completed treatment, thus since immunisation started 2165 schoolchildren and 1336 children under 5 have been protected. These numbers have to be reduced by deducting the children from neighbouring areas and evacuees.

On the Registrar General's estimated child population the percentage of under fives protected is 47.5 and of those aged 5-15 years 85.7.

KESSINGLAND - INFANT WELFARE.

108 children were placed on the Register as having attended during the year.

Of these 49 were new cases and 59 had attended before.

Of the new cases 30 were under 1 year of age and 19 between 1 & 5 years old.

Of the old cases 23 were under 1 year of age and 36 over.

The Centre was opened on 23 occasions during 1945 and a doctor attended all sessions.

The total number of childrens' attendances was 684 anaverage of 29.7 per session.

The total number of consultations was 188 an average of 8.1 per session.

	Number of Sessions.	Children attending		Consultations.	
		Number	Average	Number	Average.
1st quarter	6	185	30.8	49	8.1
2nd "	6	156	26.0	52	8.6
3rd "	5	161	32.2	43	8.6
4th "	6	182	30.3	44	7.2

Diphtheria Immunisation:- During the year 29 children completed treatment at the Clinic.

DRAINAGE & SEWERAGE, OFFENSIVE TRADES, FACTORIES & WORKSHOPS.

No alteration since last year.

HOUSING.

The housing programme for the first and second years is as follows:-

1st year. Bradwell (8) Gisleham (4) Henstead (4) Kessingland (24), Wangford (8) and Wrentham (4).

2nd year. Barnby (4) Belton (8) Burgh Castle (4) Carlton Colville (12) Corton(4) Frostenden (4) Hopton (4) Hulver (4) Kessingland (12) Mutford (12) Reydon (12) Somerleyton (4) Uggeshall(4) and Wrentham (8).

Temporary houses are to be erected in the following parishes:-

Kessingland (26) Carlton Colville (12) and Bradwell (12).

COWSHEDS AND DAIRIES.

On the Register at the end of the year there were 159 wholesale producers and 29 retail traders.

Tuberculin tested milk is produced at 15 farms and there are 48 accredited herds in the district.

SLAUGHTERHOUSES.

During the year meat killed at Benacre by arrangement with the Borough of Lowestoft was inspected by one of their Sanitary Inspectors to assist our Sanitary Inspector, and 212 visits were made.

Carcases inspected and condemned.

	Cattle	Cows	Calves	Sheep & Lambs	Pigs
Number killed & inspected	824	326	1347	1327	574
All diseases except Tuberculosis					
Whole carcases condemned	0	1	1	0	1
Carcase of which some part or organ was condemned	264	148	6	38	14
Percentage of the number inspected affected with diseases other than tuberculosis	32	45.7	0.52	2.86	2.61
Tuberculosis only.					
Whole carcase condemned	5	23	2	0	3
Carcase of which some part or organ was condemned	119	108	2	0	63
Percentage of the number inspected affected with Tuberculosis.	15.05	31.9	0.29	0	14.47

Diseased meat is dealt with at the Suffolk Fat & Bone Works at Oulton.

PUBLIC HEALTH OFFICERS.

Medical Officer of Health
Sanitary Inspector.

Ambulance Facilities are as before and the service was adequate and satisfactory.

LOWESTOFT ISOLATION HOSPITAL.

Lothingland Patients treated during 1945.

	Admitted	Days maintenance.
Scarlet Fever	4 (1)	77
Chickenpox	1	11
Measles	1	4
Vincents Angina	1	17

Included in these figures is 1 evacuee shown in Brackets.

I have to thank all the Officials whom I have come in contact with during the year for the kindness and courtesy they have shown in assisting me.

I am,
Your obedient servant,
LAURENCE GIBSON

July 1st 1946.

STATISTICS OF THE AREA.
Appendix 1.

Area in Acres	44653.
Registrar General's estimate of population(mid 1945)	13270
Number of Inhabited houses end of 1945 according to rate book.	4583.
Rateable Value	£59,350.
Sum represented by a penny rate	£235.

EXTRACTS FROM VITAL STATISTICS.

	Total	Males	Females		
Live Births - Legitimate	218	107	111	Birthrate per 1000 estimated resident population mid 1945.	=17.78
Illegitimate	18	10	8		
Still births	6	5	1	Rate per 1000 total live & still births	=24.79
Deaths	160	78	82	Death rate per 1000 estimated population	=12.06

Deaths from Puerperal Causes (Headings 29 & 30 of Registrar General's Short List).

		Deaths	Rate per 1000 total(live & still) births.
No. 29	Puerperal Sepsis	0	0
No. 30	Other Puerperal Causes	1	4.132
	Total	1	4.132

Death rate of Infants under 1 year of age.

All Infants per 1000 live births	Number 8.	Rate 33.9
Legitimate Infants per 1000 legitimate live births	" 8.	" 36.7
Illegitimate Infants per 1000 illegitimate live births	" 0.	" Nil.

Deaths from Cancer (All ages)	34
" " Measles (All ages)	0
" " Whooping Cough(All ages)	0
" " Diarrhoea(under 2 years of age)	0.

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ANNUAL REPORT OF SANITARY INSPECTOR FOR THE YEAR 1945.

Mr. Chairman and Gentlemen,

I have pleasure in submitting my Annual Report.

TABULAR STATEMENT OF INSPECTIONS MADE DURING THE YEAR.

Visits to Slaughterhouse	...302 (including those made by Lowestoft Inspector)
Meat Shop Inspections	... 61
Fish Shops	... 12
Housing	... 60
Cowshed & Dairy	...182
Factory	... 12
Bakehouse	... 6
Inspections re War Damage Repairs and Building Licences	).1,371
Total	2,006

NOTICES ISSUED.

Preliminary	53	Complied with	45
Statutory			

DISINFECTION & DISINFESTATION.

Houses disinfected after infectious illness	5.
Houses disinfested	..2.

COWSHED & DAIRIES.

Number of registered Wholesale Producers	159.
Number of registered Retail Traders	29.
Number of "Tuberculin Tested" Farms	15
Number of "Accredited" Farms	48

One new cowshed was erected and five premises were altered & improved.

MEAT INSPECTION.

Number of visits to slaughterhouse ...	302
Number of carcases inspected	4,398
The total weight of meat and offal found unfit for food	...28,886 lbs.
Number of whole carcases unfit	35

PLANS APPROVED UNDER THE BUILDING BYELAWS AND TOWN PLANNING ACT.

Houses 3	Conversion of building to House	1.	
Garages 2	Conversion of one house to two dwellings	1.	
	Additions to two Houses	1	

Farm Buildings 2. Cafe 1. Additions to Holiday Camp 1.

CONTROL OF CIVIL BUILDING. DEFENCE REGULATION 56A.

Number of Maintenance Licences issued	21.	Value of work - £1,885. 10s.
Number of General Licences issued	88	Estimated cost of work - £7,669. 16s. 10d.

I am,
Mr. Chairman and Gentlemen,
Your obedient servant,

A. O. ADCOCK

Sanitary Inspector

LIBRARY

THE RURAL DISTRICT COUNCIL

of

LOTHINGLAND

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LIBRARY

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH.

For the year 1945.

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LAURENCE GIBSON M.B., Ch.B.,
D.P.H.

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